

BRACING NOTES

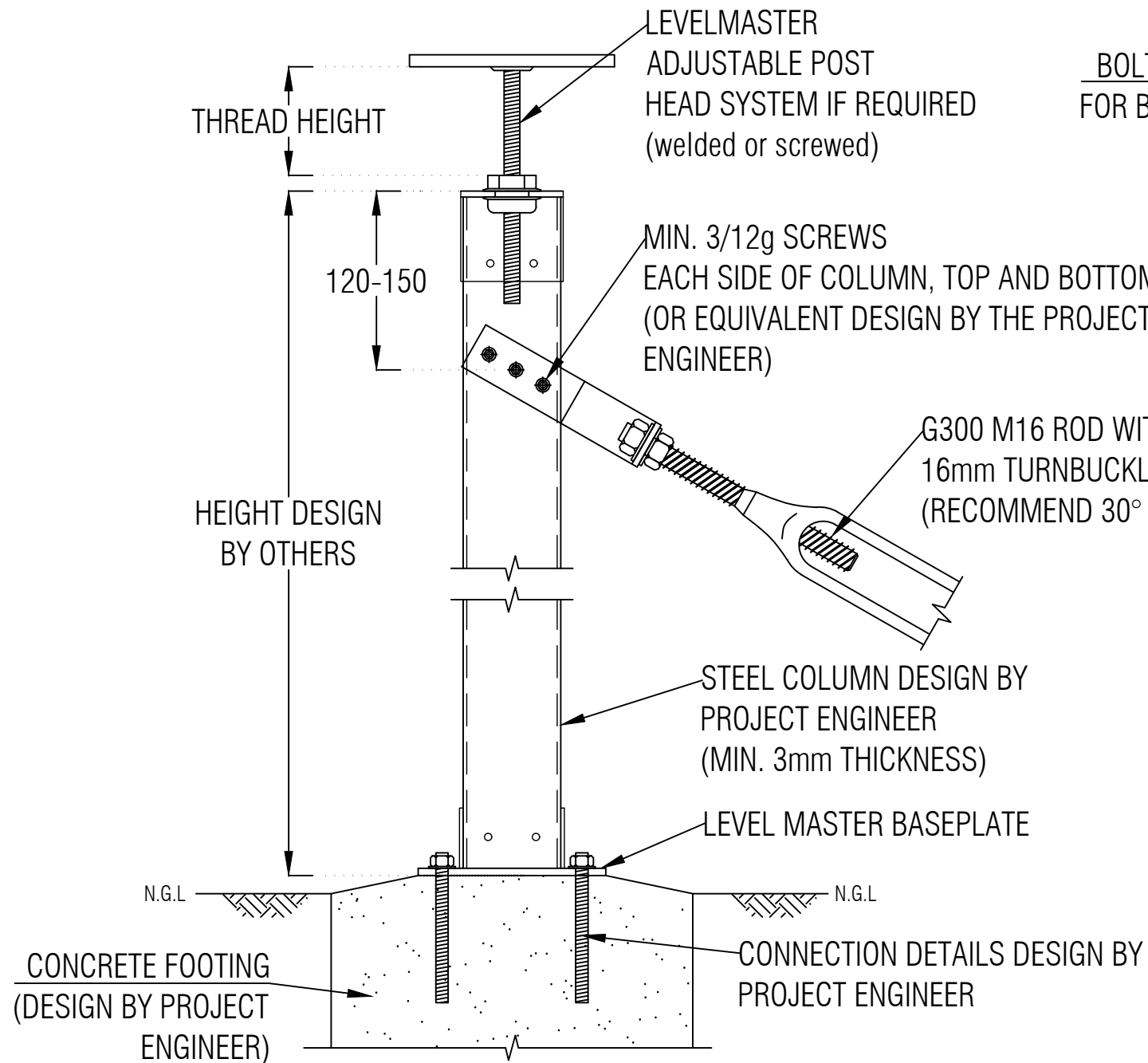
- 1 THREAD HEIGHT MEASURED FROM TOP OF NUT TO UNDERSIDE OF FIXING TOP PLATE.
- 2 CAST IN COLUMNS IS ACCEPTABLE. THE CAST IN DETAILS TO BE CONFIRMED AND DESIGNED BY THE PROJECT ENGINEER.
- 3 BRACING ANGLES IN EXCESS OF 45° MAY REQUIRE ADDITIONAL HORIZONTAL BRACING. THIS IS TO BE DESIGNED BY THE PROJECT ENGINEER.
- 4 BRACING MAY BE FIXED TO BEARERS. THIS IS TO BE DESIGNED BY THE PROJECT ENGINEER TO SUIT THE BEARER BEING USED.
- 5 THE BRACING ROD AND NOTES COVERED IN THIS DRAWING ARE DESIGNED FOR RESIDENTIAL USE ONLY.

NOTE 1

THE M16 BRACING ROD (WITH TURNBUCKLE) ASSEMBLY TENSION CAPACITY = 25kN.*
PROJECT ENGINEER TO CONFIRM THE FINAL BRACING CAPACITY DEPENDING ON THE HEIGHT AND SPAN.

ALL SCREWS TO BE (MIN. OR EQUIVALENT TO) CLASS 4 - 12g (24TPI) REFERRING ICCONS PTY LTD.

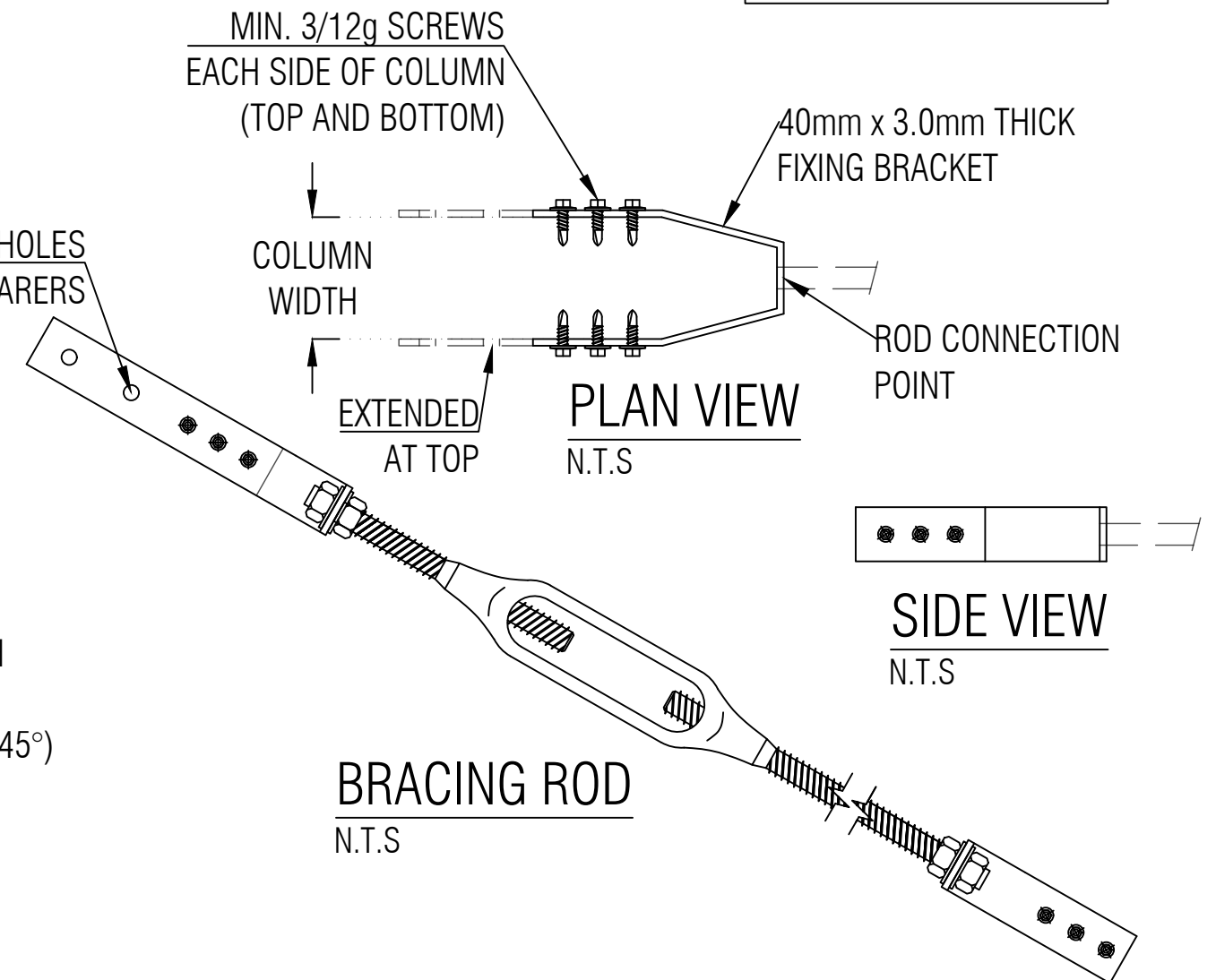
ALL STEEL TO BE MIN. G250 (U.N.O).



TYPICAL BRACING SECTION

N.T.S

BOLT HOLES FOR BEARERS



BRACING ROD

N.T.S

NOTE 2

IF THE M16 BRACING ASSEMBLY TO BE USED WITH LEVELMASTER ADJUSTABLE POST HEAD SYSTEMS, THE TOTAL RACKING CAPACITIES COULD BE DOMINATED BY THE LATERAL CAPACITY OF THE POST HEAD COMPONENTS. REFER TO LEVEL MASTER HOUSE STUMPS - TOP PLATES FOR FURTHER DETAILS.

NOTE 3

THE MAXIMUM DESIGN LATERAL LOAD ACCORDING TO BRACING TENSION CAPACITY UNDER TYPICAL BRACING ANGLES. (FOR REFERENCE)

MAX. LATERAL LOAD WITH M16 BRACING ROD (ASSEMBLY WITH TURNBUCKLE)

BRACING ANGLE (°)	MAX. LATERAL LOAD (kN)
30	20.5
45	17.0

DO NOT SCALE FROM DRAWING
ALL SCALES ARE AS SHOWN (A3)

*BASED ON LABORATORY TESTS.

REV.	DESCRIPTION	DATE	INIT.
0	FOR CERTIFICATION	MAY2024	-
1	FOR CERTIFICATION	AUG2024	-

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PROJECT
TYPICAL ROD BRACING SET

TITLE
ROD BRACING CONNECTIONS

DRAWN	DESIGNED	DATE
-	-	MAY 2024
CHECKED N.Z.	APPROVED	
DRAWING No. PCE2247-2 - S01	REV. 1	